Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S86	2	S85 AND (((potassium NEAR3 fluoride) OR KF) NEAR20 hydrate\$4)	USPAT	OR	OFF	2006/05/22 12:28
S85	10170	S84 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2006/05/22 12:28
S84	67254	((silicon OR Si) NEAR20 (wafer\$4 OR substrate\$4) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	US-PGPUB; USPAT	OR	OFF	2006/05/22 12:28
S83	52	S82 AND ((potassium NEAR3 fluoride) OR KF)	USPAT	OR	OFF	2006/05/22 12:28
S82	10170	S81 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2006/05/22 12:27
S22	0	S4 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	USPAT	OR	OFF	2006/05/22 10:40
S81	67254	((silicon OR Si) NEAR20 (wafer\$4 OR substrate\$4) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	US-PGPUB; USPAT	OR	OFF	2006/05/22 09:46
S24	9407	S23 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2006/05/22 09:46
S23	62395	((silicon OR Si) NEAR20 (wafer\$4 OR substrate\$4) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	US-PGPUB; USPAT	OR	OFF	2006/05/22 09:46
S80	15	S79 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:44
S79	1037	S78 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:44
S74	1184	S73 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:44

Page 1

S78	72505	((silicon OR Si) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:43
S77	22	S75 AND S76	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:43
S76	7415	((216/89-91,99) or (438/689-693, 745,753)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:43
S73	15688	S72 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:43
S72	124352	((silicon OR Si) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:43
S66	7145	((216/89-91,99) or (438/689-693, 745,753)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:43
S75	324	S74 AND ((potassium ADJ phosphate) OR (potassium ADJ iodide) OR (potassium ADJ chloride) OR (potassium ADJ pyrophosphate) OR (potassium ADJ subphosphate) OR (potassium ADJ hypophosphate) OR (potassium ADJ orthophosphite) OR (potassium ADJ nitrate) OR (potassium ADJ nitrite) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ chlorate) OR (potassium ADJ chlorate) OR (potassium ADJ citrate) OR (potassium ADJ borate) OR (potassium ADJ borate) OR (potassium ADJ sulfate) OR (potassium ADJ sulfate) OR (potassium ADJ stannate) OR (potassium ADJ tartrate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ tungstate))	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:42

S70	301	S69 AND ((potassium ADJ phosphate) OR (potassium ADJ iodide) OR (potassium ADJ chloride) OR (potassium ADJ pyrophosphate) OR (potassium ADJ subphosphate) OR (potassium ADJ hypophosphate) OR (potassium ADJ orthophosphite) OR (potassium ADJ nitrate) OR (potassium ADJ nitrite) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ chlorate) OR (potassium ADJ citrate) OR (potassium ADJ citrate) OR (potassium ADJ borate) OR (potassium ADJ borate) OR (potassium ADJ sulfate) OR (potassium ADJ sulfate) OR (potassium ADJ selenate) OR (potassium ADJ stannate) OR (potassium ADJ tartrate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ tungstate))	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:42
S69	1127	S68 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:42
S68	14914	S67 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:41
S67	118595	((silicon OR Si) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	US-PGPUB; USPAT	OR	OFF	2006/03/16 12:37
S71	20	S66 AND S70	US-PGPUB; USPAT	OR	OFF	2005/11/04 13:05

S52	301	S51 AND ((potassium ADJ phosphate) OR (potassium ADJ iodide) OR (potassium ADJ chloride) OR (potassium ADJ pyrophosphate) OR (potassium ADJ subphosphate) OR (potassium ADJ hypophosphate) OR (potassium ADJ orthophosphite) OR (potassium ADJ nitrate) OR (potassium ADJ nitrite) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ acetate) OR (potassium ADJ chlorate) OR (potassium ADJ citrate) OR (potassium ADJ borate) OR (potassium ADJ borate) OR (potassium ADJ sulfate) OR (potassium ADJ sulfate) OR (potassium ADJ selenate) OR (potassium ADJ stannate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate)	US-PGPUB; USPAT	OR	OFF	2005/11/04 13:04
S65	15	S64 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 13:02
S51	1127	S50 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	US-PGPUB; USPAT	OR	OFF	2005/11/04 12:59
S64	1026	S63 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 12:58
S63	71517	((silicon OR Si) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 12:58
S60	14914	S59 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2005/11/04 12:58
S59	118595	((silicon OR Si) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	US-PGPUB; USPAT	OR	OFF	2005/11/04 12:58
S62	220	S60 AND ((potassium AD) fluoride) OR KF)	US-PGPUB; USPAT	OR	OFF	2005/11/03 15:42

S61	280	S60 AND ((potassium NEAR3 fluoride) OR KF)	US-PGPUB; USPAT	OR	OFF	2005/11/03 15:41
S58	5	S57 AND "pH"	US-PGPUB; USPAT	OR	OFF	2005/11/03 13:57
S57	21	(("2,902,419") or ("4,056,413") or ("4,781,853") or ("4,859,280") or ("5,756,399") or ("5,804,090") or ("5,849,636") or ("5,866,266") or ("5,891,353") or ("5,963,871") or ("5,972,236") or ("5,976,983") or ("6,043,156") or ("6,099,748") or ("6,110,839") or ("6,319,845") or ("6,346,485") or ("6,355,121") or ("6,376,335") or ("6,394,106") or ("6,432,837")).PN.	USPAT	OR	OFF	2005/11/03 13:57
S56	5	("5476816" "5896875" "5897982" "6270949" "6329300").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/03 13:57
S55	158	spin\$4 NEAR3 etch\$4 NEAR20 silicon	US-PGPUB; USPAT	OR	OFF	2005/11/03 12:09
S54	1	("6712926").PN.	USPAT; USOCR	OR	OFF	2005/11/03 12:08
S53	1	S52 AND (spin\$4 NEAR3 etch\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/03 12:08
S50	14914	S49 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2005/11/03 11:51
S49	118595	((silicon OR Si) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	US-PGPUB; USPAT	OR	OFF	2005/11/03 11:51
S48	209	S46 AND (saturat\$4 NEAR20 concentrat\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:39
S41	5716	S40 AND (saturat\$4 NEAR20 concentrat\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:39
S46	10283	S45 AND semi\$1conduct\$4	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:38
S38	71064	S37 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:38
S45	14061	S37 AND (silicon\$4 NEAR3 (wafer\$4 OR substrat\$4))	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:37
S44	18	S41 AND (silicon\$4 NEAR3 (wafer\$4 OR substrat\$4))	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:37

S40	21866	S39 AND ((sodium ADJ carbonate) OR (sodium ADJ phosphate) OR (sodium ADJ fluoride) OR (sodium ADJ iodide) OR (sodium ADJ chloride) OR (sodium ADJ pyrophosphate) OR (sodium ADJ subphosphate) OR (sodium ADJ hypophosphate) OR (sodium ADJ orthophosphite) OR (sodium ADJ nitrate) OR (sodium ADJ nitrate) OR (sodium ADJ nitrite) OR (sodium ADJ peroxycarbonate) OR (sodium ADJ acetate) OR (sodium ADJ acetate) OR (sodium	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:33
		pyrophosphate) OR (sodium ADJ subphosphate) OR (sodium ADJ hypophosphate) OR (sodium ADJ orthophosphite) OR (sodium ADJ nitrate) OR (sodium ADJ nitrite)				
		OR (sodium ADJ chlorate) OR (sodium ADJ acetate) OR (sodium ADJ citrate) OR (sodium ADJ borate) OR (sodium ADJ				
		fluoroborate) OR (sodium ADJ sulfate) OR (sodium ADJ sulfide) OR (sodium ADJ propionate) OR (sodium ADJ selenate) OR (sodium ADJ stannate) OR				
		(sodium ADJ tartrate) OR (sodium ADJ thioantimonate) OR (sodium ADJ thiocyanate) OR (sodium ADJ thiosulfate) OR (sodium ADJ tungstate) OR (magnesium ADJ sulfate) OR (magnesium ADJ hydroxide))				

S20	256	S19 AND ((sodium ADJ carbonate) OR (sodium ADJ phosphate) OR (sodium ADJ fluoride) OR (sodium ADJ iodide) OR (sodium ADJ chloride) OR (sodium ADJ pyrophosphate) OR (sodium ADJ subphosphate) OR (sodium ADJ hypophosphate) OR (sodium ADJ orthophosphite) OR (sodium ADJ nitrate) OR (sodium ADJ nitrite) OR (sodium ADJ peroxycarbonate) OR (sodium ADJ chlorate) OR (sodium ADJ acetate) OR (sodium ADJ citrate) OR (sodium ADJ borate) OR (sodium ADJ sulfate) OR (sodium ADJ sulfate) OR (sodium ADJ sulfate) OR (sodium ADJ sulfide) OR (sodium ADJ selenate) OR (sodium ADJ stannate) OR (sodium ADJ tartrate) OR (sodium ADJ thioantimonate) OR (sodium ADJ thioantimonate) OR (sodium ADJ thiosyanate) OR (sodium ADJ tungstate) OR (magnesium ADJ sulfate) OR (magnesium ADJ hydroxide))	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:32
S39	23091	S38 AND ((potassium ADJ	US-PGPUB;	OR	OFF	2005/11/02 13:31
		phosphate) OR (potassium ADJ iodide) OR (potassium ADJ	USPAT			
		chloride) OR (potassium ADJ pyrophosphate) OR (potassium				
		ADJ subphosphate) OR (potassium				
		ADJ hypophosphate) OR (potassium ADJ orthophosphite)				
		OR (potassium AD3 ortriopriospriite) OR (potassium AD3 nitrate) OR				
		(potassium ADJ nitrite) OR				
		(potassium ADJ peroxycarbonate)				
		OR (potassium ADJ chlorate) OR				
		(potassium ADJ acetate) OR (potassium ADJ citrate) OR				
		(potassium ADJ citrate) OR (potassium ADJ borate) OR				
		(potassium ADJ fluoroborate) OR				
		(potassium ADJ sulfate) OR				
		(potassium ADJ propionate) OR				
		(potassium ADJ selenate) OR				
		(potassium ADJ stannate) OR (potassium ADJ tartrate) OR				
		(potassium AD3 thioantimonate)				
		OR (potassium ADJ thiocyanate)				
1	kanana kanan	#2:.=:::::::::::::::::::::::::::::::::::	h	F 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	4.0000000000000000000000000000000000000	1
		OR (potassium ADJ thiosulfate)				

5/22/2006 2:44:46 PM
C:\Documents and Settings\echen\My Documents\EAST\Workspaces\Process for Etching Silicon Wafers.wsp Page 7

S19	298	S18 AND ((potassium ADJ	US-PGPUB;	OR	OFF	2005/11/02 13:31
		phosphate) OR (potassium ADJ	USPAT			
		iodide) OR (potassium ADJ				
		chloride) OR (potassium ADJ		ŀ		
		pyrophosphate) OR (potassium				
		ADJ subphosphate) OR (potassium				
		ADJ hypophosphate) OR				
		(potassium ADJ orthophosphite)]		
		OR (potassium ADJ nitrate) OR				
		(potassium ADJ nitrite) OR				
		(potassium ADJ peroxycarbonate)				
		OR (potassium ADJ chlorate) OR				
		(potassium ADJ acetate) OR				
		(potassium ADJ citrate) OR				
		(potassium ADJ borate) OR				
		(potassium ADJ fluoroborate) OR				
		(potassium ADJ sulfate) OR				
		(potassium ADJ propionate) OR				
		(potassium ADJ selenate) OR				
		(potassium ADJ stannate) OR				
		(potassium ADJ tartrate) OR				
		(potassium ADJ thioantimonate) OR (potassium ADJ thiocyanate)				
		OR (potassium ADJ thiosulfate)				
		OR (potassium ADJ tinosulate)				
				.		
S18	1124		US-PGPUB;	OR	OFF	2005/11/02 13:31
		fluoride) OR KF) OR ((potassium	USPAT			
		NEAR3 carbonate) OR K2CO3 OR				
		"K.sub.2CO.sub.3"))				

5/22/2006 2:44:46 PM
C:\Documents and Settings\echen\My Documents\EAST\Workspaces\Process for Etching Silicon Wafers.wsp Page 8

S26	97	S25 AND ((potassium ADJ phosphate) OR (potassium ADJ iodide) OR (potassium ADJ chloride) OR (potassium ADJ pyrophosphate) OR (potassium ADJ subphosphate) OR (potassium ADJ hypophosphate) OR (potassium ADJ orthophosphite) OR (potassium ADJ nitrate) OR (potassium ADJ nitrite) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ chlorate) OR (potassium ADJ citrate) OR (potassium ADJ citrate) OR (potassium ADJ borate) OR (potassium ADJ borate) OR (potassium ADJ sulfate) OR (potassium ADJ sulfate) OR (potassium ADJ stannate) OR (potassium ADJ tartrate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate)	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:30
S37	283086	((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH) AND (silicon\$4 NEAR20 etch\$4)	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:29
S17	14878	S16 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2005/11/02 13:28

S36	151	S35 AND ((potassium ADJ phosphate) OR (potassium ADJ iodide) OR (potassium ADJ chloride) OR (potassium ADJ pyrophosphate) OR (potassium ADJ subphosphate) OR (potassium ADJ hypophosphate) OR (potassium ADJ orthophosphite) OR (potassium ADJ nitrate) OR (potassium ADJ nitrite) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ peroxycarbonate) OR (potassium ADJ acetate) OR (potassium ADJ citrate) OR (potassium ADJ citrate) OR (potassium ADJ borate) OR (potassium ADJ fluoroborate) OR (potassium ADJ sulfate) OR (potassium ADJ selenate) OR (potassium ADJ stannate) OR (potassium ADJ tartrate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thioantimonate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ thiosulfate) OR (potassium ADJ tungstate))	US-PGPUB; USPAT	OR	OFF	2005/10/31 14:14
S35	4127	S34 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2005/10/31 14:12
S34	21830	S33 AND (grind\$4 OR lapp\$4 OR polish\$4)	US-PGPUB; USPAT	OR	OFF	2005/10/31 14:12
S33	58674	((silicon OR Si) NEAR20 (wafer\$4 OR substrate\$4) NEAR20 (etch\$4 OR clean\$4 OR remov\$4))	US-PGPUB; USPAT	OR	OFF	2005/10/31 14:12
S3	14	S1 AND ((silicon OR Si) NEAR20 (etch\$4 OR clean\$4 OR remov\$4))	USPAT	OR	OFF	2005/10/31 14:11
S32	2	S31 AND S17	USPAT	OR	OFF	2005/10/31 14:06
S31	2	("6099748").URPN.	USPAT	OR	OFF	2005/10/31 14:05
S30	28	S29 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	US-PGPUB; USPAT	OR	OFF	2005/10/31 12:58
S25	454	S24 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	US-PGPUB; USPAT	OR	OFF	2005/10/31 12:58

S29	527	S28 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	US-PGPUB; USPAT	OR	OFF	2005/10/31 12:57
S28	2081	S23 AND lapping\$4	US-PGPUB; USPAT	OR	OFF	2005/10/31 12:57
S27	5	S26 AND lapping\$4	US-PGPUB; USPAT	OR	OFF	2005/10/31 12:54
S16	118298	((silicon OR Si) NEAR20 (etch\$4 OR clean\$4 OR remov\$4 OR polish\$4))	US-PGPUB; USPAT	OR	OFF	2005/10/31 12:11
S7	0	S5 AND (((potassium NEAR3 fluoride) OR KF) OR ((potassium NEAR3 carbonate) OR K2CO3 OR "K.sub.2CO.sub.3"))	USPAT	OR	OFF	2005/10/31 12:09
S5	14	S4 AND (((sodium NEAR3 hydroxide) OR NaOH) OR ((potassium NEAR3 hydroxide) OR KOH))	USPAT	OR	OFF	2005/10/31 12:01
S21	0	S20 AND S1	US-PGPUB; USPAT	OR	OFF	2005/10/31 10:41
S6	0	S5 AND ((potassium NEAR3 fluoride) OR (potassium NEAR3 carbonate))	USPAT	OR	OFF	2005/10/31 10:08
S4	18	S1 AND (silicon OR Si)	USPAT	OR	OFF	2005/10/31 10:01
S1	21	(("2,902,419") or ("4,056,413") or ("4,781,853") or ("4,859,280") or ("5,756,399") or ("5,804,090") or ("5,849,636") or ("5,866,266") or ("5,891,353") or ("5,963,871") or ("5,972,236") or ("5,976,983") or ("6,043,156") or ("6,099,748") or ("6,110,839") or ("6,319,845") or ("6,346,485") or ("6,355,121") or ("6,376,335") or ("6,394,106") or ("6,432,837")).PN.	USPAT	OR	OFF	2005/10/31 10:00